Amendments to the Specification

On Page 1, line 19 to page 2, line 2, please amend the paragraphs as follows:

Mobile IP has two working modes. The first is illustrated in Figure 1; a mobile terminal is currently attached as a Mobile Node (MN) ~~14~~10 in a network different from its home network. The MN ~~14~~10 is communicating with a Correspondent Node (CN) 12. A Home Agent ~~16~~14 is set up in the home ~~mn~~network by the CN 12, and a Foreign Agent (FA) ~~18~~16 is set up in the foreign network. The FA ~~18~~16 allocates a unique IP address for the visiting mobile, a Care of Address (COA) and this address is sent to the HA ~~16~~14 in a Binding Update.

Packets for the mobile are encapsulated by the HA ~~16~~14 and tunnelled along tunnel ~~20~~18 to the FA ~~18~~16 for transmission to MN ~~14~~10. In such encapsulation, an extra IP header is added to each packet, including the COA of the MN ~~14~~10. This is known as FA-COA working mode.

In the second working mode (not illustrated) there is no FA, the MN ~~14~~10 is allocated a unique COA and encapsulated packets are tunnelled by HA ~~16~~14 directly to MN ~~14~~10; this is known as Collocated Care of Address mode of working (CO-COA).